

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

May. 2, 2005

(12128) Lead (TSP)

SITE ID: 29-099-0015 POC: 2
COUNTY: (099) Jefferson
CITY: (00000) Not in a city
SITE ADDRESS: HERC - BROAD ST
SITE COMMENTS: THIS IS DRH BROAD & A STREET MONITOR, STATION NUMBER 7.
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7439-92-1
LATITUDE: 38.261667
LONGITUDE: -90.379722
UTM ZONE: 15
UTM NORTHING: 4237890
UTM EASTING: 729250
ELEVATION-MSL: 0
PROBE HEIGHT: 3

SUPPORT AGENCY: (0308) Doe Run
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (092) HI-VOL ATOMIC ABSORPTION
REPORTING ORG: (0588) Missouri Laboratory Services Program

REPORT FOR: 2005

DURATION: 24 HOURS
UNITS: UG/CU METER (25 C)
MIN DETECTABLE: .002

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Day												
1	.94	1.18	.00									
2	.46	.05	3.33									
3	.48	.00	5.83									
4	1.29	.86	.07									
5	.00	1.20	.13									
6	.00	.73	.07									
7	1.83	.76	.03									
8	.06	.19	.04									
9	.53	.04	.32									
10	3.41	.03	.18									
11	.37	.00	.05									
12	.58	.06	.48									
13	1.55	.15	.04									
14	.10	.57	.42									
15	.07	.37	3.25									
16	.06	.00	2.53									
17	1.34	.11	.58									
18	3.04	2.27	1.62									
19	.39	3.46	.05									
20	1.76	.06	4.50									
21	2.71	1.90	32.89									
22	.18	.07	35.83									
23	.85	3.09	.17									
24	.11	.09	2.83									
25	2.56	.06	2.44									
26	.04	1.57	.07									
27	4.55	.59	.05									
28	14.46	.05	.40									
29	.70		4.22									
30	.60		1.28									
31	.66		.08									
NO.:	31	28	31	0	0	0	0	0	0	0	0	0
MAX:	14.46	3.46	35.83									
MEAN:	1.474	.697	3.348									
ANNUAL OBSERVATIONS:	90	ANNUAL MEAN	1.878	ANNUAL MAX:	35.83							

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

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Superfund

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

May. 2, 2005

(12128) Lead (TSP)

SITE ID: 29-099-0004 POC: 1
COUNTY: (099) Jefferson
CITY: (00000) Not in a city
SITE ADDRESS: HERC, Main St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7439-92-1
LATITUDE: 38.2633
LONGITUDE: -90.3785
UTM ZONE: 15
UTM NORTHING: 4238073.71
UTM EASTING: 729359.95
ELEVATION-MSL: 1
PROBE HEIGHT: 3

SUPPORT AGENCY: (0308) Doe Run
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (090) HI-VOL EMISSION SPECTRA ICAP
REPORTING ORG: (0588) Missouri Laboratory Services Program

REPORT FOR: 2005

DURATION: 24 HOURS
UNITS: UG/CU METER (25 C)
MIN DETECTABLE: .003

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	1.203	.307	.066									
2	.295	.002	.517									
3	.394	.002	3.147									
4	.213	1.833	.002									
5	.090	2.740	.039									
6	.060	4.135	.002									
7	2.809	.740	.002									
8	.149	.050	.002									
9	2.799	.002	.212									
10	4.702	.038	.056									
11	.614	.034	.064									
12	.410	.147	.132									
13	8.087	.284	.002									
14	.002	.342	.086									
15	.002	.486	3.117									
16	.047	.002	.740									
17	.111	.043	.912									
18	3.969	.171	1.504									
19	.036	8.278	.042									
20	1.681	1.293	1.084									
21	1.968	.055	1.712									
22	.197	.076	.248									
23	.977	.466	.002									
24	.089	.002	2.897									
25	1.308	.031	.570									
26	.002	.336	.002									
27	.138	.339	.002									
28	1.827	.076	.365									
29	.035		3.574									
30	.043		.980									
31	.395		.062									
NO.:	31	28	31	0	0	0	0	0	0	0	0	0
MAX:	8.087	8.278	3.574									
MEAN:	1.1178	.7967	.7141									
ANNUAL OBSERVATIONS:	90	ANNUAL MEAN:	.8788	ANNUAL MAX:	8.278							

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

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May. 2, 2005

(12128) Lead (TSP)

SITE ID: 29-099-0005 POC: 1
COUNTY: (099) Jefferson
CITY: (00000) Not in a city
SITE ADDRESS: HERC, DUNKLIN
SITE COMMENTS: CHANGED FROM F02 TO F01 ON 1/1/85 ACTIVE 7/68
MONITOR COMMENTS: 92

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-92-1
LATITUDE: 38.267222
LONGITUDE: -90.379444
UTM ZONE: 15
UTM NORTHING: 4238501
UTM EASTING: 729266
ELEVATION-MSL: 1
PROBE HEIGHT: 5

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER
REPORTING ORG: (0588) Missouri Laboratory Services Program

REPORT FOR: 2005

DURATION: 24 HOURS
UNITS: UG/CU METER (25 C)
MIN DETECTABLE: .0547

MONTH													
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.35												
2			.08										
3		.03											
4	.03												
5			AM										
6		.89											
7	.10												
8			AM										
9		.03											
10	.08												
11			.03										
12		.19											
13	.29												
14			.03										
15		.25											
16	.03												
17			.67										
18		.03											
19	.03												
20			.12										
21		.03											
22	.10												
23			.03										
24		.03											
25	.24												
26			.03										
27		.03											
28	.03												
29			1.90										
30													
31	.11												
NO.:	11	9	8	0	0	0	0	0	0	0	0	0	
MAX:	.35	.89	1.90										
MEAN:	.125	.166	.360										
ANNUAL OBSERVATIONS:	28												
ANNUAL MEAN:			.205										
ANNUAL MAX:			1.90										

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May. 2, 2005

(12128) Lead (TSP)

SITE ID: 29-099-0011 POC: 2
COUNTY: (099) Jefferson
CITY: (00000) Not in a city
SITE ADDRESS: HERC, BLUFF
SITE COMMENTS:
MONITOR COMMENTS: 92

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7439-92-1
LATITUDE: 38.268899
LONGITUDE: -90.373333
UTM ZONE: 15
UTM NORTHING: 4238700
UTM EASTING: 7298800
ELEVATION-MSL: 0
PROBE HEIGHT: 5

SUPPORT AGENCY: (0308) Doe Run
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (090) HI-VOL EMISSION SPECTRA ICAP
REPORTING ORG: (0588) Missouri Laboratory Services Program

REPORT FOR: 2005

DURATION: 24 HOURS
UNITS: UG/CU METER (25 C)
MIN DETECTABLE: .003

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.112											
2			.204									
3		.069										
4	.031											
5			.096									
6		.043										
7	.058											
8			.032									
9		AM										
10	AM											
11			.134									
12		.093										
13	.221											
14			.035									
15		1.328										
16	.077											
17			.892									
18		.043										
19	.067											
20			.102									
21		.031										
22	.143											
23			.035									
24		.002										
25	.876											
26			.002									
27		.041										
28	.052											
29			.279									
30												
31	.078											
NO.:	10	8	10	0	0	0	0	0	0	0	0	0
MAX:	.876	1.328	.892									
MEAN:	.1715	.2062	.1811									
ANNUAL OBSERVATIONS:	28											
ANNUAL MEAN:			.1848									
ANNUAL MAX:			1.328									

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May. 2, 2005

(12128) Lead (TSP)

SITE ID: 29-099-0016 POC: 1
COUNTY: (099) Jefferson
CITY: (00000) Not in a city
SITE ADDRESS: HERC - Thurwell
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7439-92-1
LATITUDE: 38.266
LONGITUDE: -90.3846
UTM ZONE: 15
UTM NORTHING: 4238358.24
UTM EASTING: 728817.68
ELEVATION-MSL: 1
PROBE HEIGHT: 3

SUPPORT AGENCY: (1290) Doe Run Herculanum
MONITOR TYPE: OTHER
COLLECTION AND ANALYSIS METHOD: (092) HI-VOL ATOMIC ABSORPTION
REPORTING ORG: (1290) Doe Run Herculanum

REPORT FOR: 2005

DURATION: 24 HOURS
UNITS: UG/CU METER (25 C)
MIN DETECTABLE: .002

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.22											
2			.06									
3		AM										
4	.05											
5			.00									
6		1.07										
7	.53											
8			.00									
9		.00										
10	.75											
11			AM									
12		.00										
13	1.46											
14			AM									
15		.18										
16	.04											
17			.04									
18		.04										
19	.00											
20			.17									
21		.00										
22	.08											
23			.00									
24		.00										
25	.48											
26			.00									
27		.04										
28	.23											
29			.38									
30												
31	AM											
NO.	10	8	8	0	0	0	0	0	0	0	0	0
MAX:	1.46	1.07	.38									
MEAN:	.384	.167	.082									

ANNUAL OBSERVATIONS: 26 ANNUAL MEAN: .224 ANNUAL MAX: 1.46

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